

Docket No.: W1878.0189  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hideshi Yoshida

Confirmation No.: 7346

Application No.: 10/619,478

Allowed: July 12, 2005

Filed: July 16, 2003

Art Unit: 3663

For: DIRECT OPTICAL AMPLIFIER  
CORRELATING AVERAGE LEVEL OF  
MAIN SIGNAL WITH LEVE OF PILOT  
TONE SIGNAL

Examiner: D.M. Hughes

**SUBMISSION OF DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

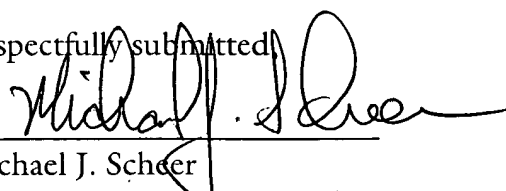
Dear Sir:

Submitted herewith is one set (6 sheets, 9 figures) of formal drawings for filing in the above-identified patent application. Kindly substitute the enclosed formal drawings for the drawings submitted with the originally filed application.

Dated: October 11, 2005

Respectfully submitted,

By

  
Michael J. Scher

Registration No.: 34,425

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

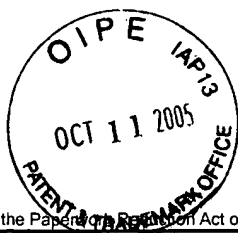
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PTO/SB/17 (12-04v2)  
Approved for use through 7/31/2006. OMB 0651-0032  
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|   |                      |                          |                        |
|---|----------------------|--------------------------|------------------------|
| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b><br><b>FEE TRANSMITTAL</b><br><b>For FY 2005</b> |                      | <b>Complete if Known</b> |                        |
|   |                      | Application Number       | 10/619,478-Conf. #7346 |
|   |                      | Filing Date              | July 16, 2003          |
|   |                      | First Named Inventor     | Hideshi Yoshida        |
|   |                      | Examiner Name            | D. M. Hughes           |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  | Art Unit             | 3663                     |                        |
| <b>TOTAL AMOUNT OF PAYMENT</b>  | <b>(\$)</b> 1,730.00 | Attorney Docket No.      | W1878.0189/0US0        |

|  |  |
|--|--|
| <b>METHOD OF PAYMENT</b> (check all that apply)  |  |
| <input type="checkbox"/> Check   | <input checked="" type="checkbox"/> Credit Card  |
| <input type="checkbox"/> Money Order   | <input type="checkbox"/> None  |
| <input type="checkbox"/> Other (please identify):  |  |
| <input type="checkbox"/> Deposit Account   | Deposit Account Number: 50-2215 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)     |  |
| <input type="checkbox"/> Charge fee(s) indicated below   | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee            |
| <input type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                                  |

|   |                     |   |                                |                                  |                         |                     |
|---|---------------------|---|--------------------------------|----------------------------------|-------------------------|---------------------|
| <b>FEE CALCULATION</b>  |                     |   |                                |                                  |                         |                     |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |                     |   |                                |                                  |                         |                     |
|   | <b>FILING FEES</b>  |   | <b>SEARCH FEES</b>             |                                  | <b>EXAMINATION FEES</b> |                     |
|   |                     | <b>Small Entity</b>                                     |                                | <b>Small Entity</b>              |                         | <b>Small Entity</b> |
| <b>Application Type</b>   | <b>Fee (\$)</b>     | <b>Fee (\$)</b>   | <b>Fee (\$)</b>                | <b>Fee (\$)</b>                  | <b>Fee (\$)</b>         | <b>Fee (\$)</b>     |
| Utility   | 300                 | 150   | 500                            | 250                              | 200                     | 100                 |
| Design  | 200                 | 100   | 100                            | 50                               | 130                     | 65                  |
| Plant   | 200                 | 100   | 300                            | 150                              | 160                     | 80                  |
| Reissue   | 300                 | 150   | 500                            | 250                              | 600                     | 300                 |
| Provisional   | 200                 | 100   | 0                              | 0                                | 0                       | 0                   |
| <b>2. EXCESS CLAIM FEES</b>   |                     |   |                                |                                  |                         |                     |
| <b>Fee Description</b>  | <b>Fee (\$)</b>     | <b>Small Entity Fee (\$)</b>                            |                                |                                  |                         |                     |
| Each claim over 20 (including Reissues)   | 50                  | 25  |                                |                                  |                         |                     |
| Each independent claim over 3 (including Reissues)  | 200                 | 100   |                                |                                  |                         |                     |
| Multiple dependent claims   | 360                 | 180   |                                |                                  |                         |                     |
| <b>Total Claims</b>   | <b>Extra Claims</b> | <b>Fee (\$)</b>   | <b>Fee Paid (\$)</b>           | <b>Multiple Dependent Claims</b> |                         |                     |
| 4   | - 20 =              | x   | =                              | <b>Fee (\$)</b>                  | <b>Fee Paid (\$)</b>    |                     |
| <b>Indep. Claims</b>  | <b>Extra Claims</b> | <b>Fee (\$)</b>   | <b>Fee Paid (\$)</b>           |                                  |                         |                     |
| 4   | - 4 =               | x   | =                              |                                  |                         |                     |
| <b>3. APPLICATION SIZE FEE</b>  |                     |   |                                |                                  |                         |                     |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                     |   |                                |                                  |                         |                     |
| <b>Total Sheets</b>   | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b>                | <b>Fee Paid (\$)</b>             |                         |                     |
|   | - 100 =             | /50   | (round up to a whole number) x | =                                |                         |                     |
| <b>4. OTHER FEE(S)</b>  |                     |   |                                |                                  |                         |                     |
| Non-English Specification, \$130 fee (no small entity discount)   |                     |   |                                | <b>Fees Paid (\$)</b>            |                         |                     |
| Other (e.g., late filing surcharge): 1501 Utility issue fee   |                     |   |                                | 1,400.00                         |                         |                     |
| 1504 Publication fee for early, voluntary, or normal ...  |                     |   |                                | 300.00                           |                         |                     |
| 8001 Printed copy of patent w/o color   |                     |   |                                | 30.00                            |                         |                     |

|                     |                   |                                   |                  |
|---------------------|-------------------|-----------------------------------|------------------|
| <b>SUBMITTED BY</b> |                   |                                   |                  |
| Signature           |                   | Registration No. (Attorney/Agent) | 34,425           |
| Name (Print/Type)   | Michael J. Scheer | Telephone                         | (212) 896-5472   |
|                     |                   | Date                              | October 11, 2005 |